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- (A) Novel formulations for nanoparticulate X-ray blood pool contrast agents using high molecular weight surfactants.
- A composition comprising nanoparticles containing an x-ray diagnostic compound, having a high molecular weight surfactant as a surface modifier adsorbed on the surface thereof and a cloud point modifier associated therewith and methods of making nanoparticles is described. A preferred surfactant is poloxamine and preferred cloud point modifiers include dimyristoylphosphatidylglycerol and dioctylsulfosuccinate. A method for diagnostic imaging for use in medical procedures comprising administering to the body of a test subject in need of an x-ray an effective contrast producing amount of the above composition is also described.



EUROPEAN SEARCH REPORT

Application Number EP 93 20 3351

Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL5)
D,A		ERLING WINTHROP INC.) - line 21 * line 38 * - line 43 *	1-20	A61K49/04
E		ERLING WINTHROP INC.) - page 3, line 18 * - line 25 *	1-9, 14-20	
	* page 1, line 50 * page 4, line 43 * & FI-A-935 305	·	1-11, 14-20	
	* page 2, line 54 ·	ERLING WINTHROP INC.) - page 3, line 16 * - line 52; claims 1-3 '	1-20	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
	* page 2, line 42 * page 3, line 2 -	ERNLING WINTHROP INC.) - line 56 * line 12 * - line 23; example 1 *	1-9, 12-20	AUIN
	The present search report has b			
	Place of search	Date of completion of the search		Executer
X : parti Y : parti docu	THE HAGUE ATEGORY OF CITED DOCUME cularly relevant if taken alone cularly relevant if combined with an ment of the same category sological background written disclosure	E : earlier patent after the fillin other D : document cite L : document cite	ciple underlying the document, but publi	

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